Index of Claims

10/673,081

Examiner

Tuan V. Thai

Applicant(s)/Patent under Reexamination

JOYCE ET AL.

Art Unit

2186

x Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

|           |                            |          |          |           |              |  | J            |          |          | <u>—</u>        |
|-----------|----------------------------|----------|----------|-----------|--------------|--|--------------|----------|----------|-----------------|
| Cla       | Date                       |          |          |           |              |  |              |          |          |                 |
| Final     | Original                   | 8/18/06  |          |           |              |  |              |          |          |                 |
|           | _ 1                        | x        |          |           | Г            | Г  | Π            |          | Τ        |                 |
|           | 1<br>2<br>3<br>4<br>5      | ×        | Π        | Г         | П            | Τ  | Π            | Г        | Τ        | $\top$          |
|           | 3                          | x        |          |           |              |  |              |          |          | Т               |
|           | 4                          | x        |          |           |              |  |              |          |          | T               |
|           | 5                          | x        |          |           |              |  |              |          |          |                 |
|           | 6                          | x        | L        |           | L            |  |              |          | L        |                 |
| $\square$ | 7                          | x        | L        | _         |              | <u> </u>   |              |          |          |                 |
|           | 8                          | ×        | _        | L         | _            | ╙  | <u>L</u>     | _        | ╙        | _               |
|           | 9                          | ×        | _        | _         | <u> </u>     | <u> </u>   | L            | <u> </u> | L        | Ш               |
|           | 10<br>11                   | ×        |          | <u> </u>  | _            |  | _            | _        | _        | igspace         |
| <u> </u>  | 11                         | X        | _        | _         | <del> </del> | <u> </u>   | <u> </u>     | <u> </u> | ┡        | _               |
| <u> </u>  | 12                         | X        | <u> </u> | _         | ┡            | ⊢  | ⊢            | <u> </u> | <u> </u> | ļ               |
| -         | 13                         | x        |          | <u> </u>  | ┝            | ┢  | ⊢            | ⊢        | ├-       | -               |
| <u> </u>  | 12<br>13<br>14<br>15<br>16 | ×        | -        | $\vdash$  | ┝            | ├  | <del> </del> | ┝        | -        | $\vdash$        |
|           | 16                         | x        | ┢        | ├         | ├─           | ├  | $\vdash$     | -        | ⊢        | $\vdash$        |
| $\vdash$  | 17                         | x        | $\vdash$ | $\vdash$  | ┢            | $\vdash$   | $\vdash$     |          | ┢        | ┢               |
| $\vdash$  | 18                         | x        |          |           | $\vdash$     | $\vdash$   | ┝            |          | ├        |                 |
|           | 18<br>19                   | ×        |          | ┢         | $\vdash$     | <del> </del>                                     |              |          |          | Н               |
| Н         | 20                         | x        | $\vdash$ | $\vdash$  | Н            | $\vdash$   | -            |          |          | Н               |
| $\vdash$  | 20<br>21<br>22             | ×        |          | ┢┈        | $\vdash$     | H  | $\vdash$     | _        |          | ╁╌              |
|           | 22                         | ×        |          |           |              | 一  |              |          | _        | M               |
|           | 23                         |          |          |           | $\vdash$     |  |              |          |          | П               |
|           | 23<br>24                   |          |          |           |              | Г  |              |          | П        | П               |
|           | 25                         |          |          |           |              |  |              |          |          |                 |
|           | 26<br>27<br>28             | L        |          |           | _            |  |              | _        |          |                 |
|           | 27                         |          | Ш        |           |              | _  |              |          |          | Ш               |
|           | 28                         | _        |          | _         | <u> </u>     | _  |              | <u> </u> | _        | Ш               |
|           | 29<br>30                   | _        |          | _         | <u> </u>     | _  |              | <u> </u> |          | Ш               |
|           | 31                         | _        | -        |           | <u> </u>     | <b>-</b>   |              | <u> </u> |          | Н               |
|           | 32                         |          |          |           | <u> </u>     |  | <u> </u>     |          | $\vdash$ | Н               |
|           | 33                         |          |          |           | $\vdash$     | ⊢  | -            |          | ⊢        | Н               |
|           | 34                         |          |          |           | _            |  | _            |          | $\vdash$ | Н               |
| H         | 35                         |          |          |           | $\vdash$     | <del>                                     </del> | -            |          | H        | $\vdash \vdash$ |
|           | 36                         |          |          |           |              |  |              |          |          | Н               |
|           | 37                         |          |          |           |              |  |              |          |          |                 |
|           | 38                         |          |          |           |              |  |              |          |          |                 |
|           | 39                         |          |          |           |              |  |              |          |          |                 |
|           | 40                         | _        |          |           |              | Ш  |              |          |          | Ш               |
|           | 41                         |          |          |           |              | Щ  |              |          |          | Ш               |
| <b></b>   | 42                         |          | -        | _         |              | Ш  |              | _        |          | $\sqcup$        |
|           | 43<br>44                   | -        | $\dashv$ |           |              | Н  | _            | _        | _        | Н               |
|           | 45                         | $\vdash$ | $\dashv$ | _         |              | Н  | _            | _        | _        | $\vdash$        |
|           | 46                         | $\vdash$ |          | -         |              | Н  |              | -        |          | $\vdash \vdash$ |
|           | 47                         | $\dashv$ | $\dashv$ |           |              | Н  | _            | _        | -        | Н               |
| $\dashv$  | 48                         | $\dashv$ | $\dashv$ |           | -            | Н  |              | -        |          | $\vdash$        |
|           | 49                         |          |          | $\exists$ | -            | $\vdash$   | _            |          | _        | $\vdash$        |
|           | 50                         |          |          |           |              |  |              |          |          | М               |
|           |                            |          | _        | _         |              |  | _            |          |          |                 |

|             | Claim    |              |                | Data         |                |  |  |          |          |  |  |  |
|-------------|----------|--------------|----------------|--------------|----------------|--|--|----------|----------|--|--|--|
| UI.         | 1        | L            | Date           |              |                |  |  |          |          |  |  |  |
| Final       | Original |              |                |              |                |  |  |          |          |  |  |  |
|             | 51       |              |                |              |                | $\Box$   |  |          |          |  |  |  |
|             | 52<br>53 |              |                |              |                |  |  |          |          |  |  |  |
|             | 53       |              |                |              |                |  |  |          |          |  |  |  |
|             | 54       |              |                |              |                |  |  |          |          |  |  |  |
|             | 55       | L            | 丄              |              |                |  |  |          |          |  |  |  |
|             | 56       | L            |                |              |                |  |  |          |          |  |  |  |
|             | 57       | L            | L              | L            | <u> </u>       | <u> </u>   | <u> </u>   |          |          | L  |  |  |
|             | 58       | ┡            | ļ.,            | <u> </u>     | L              | ↓_   | _  | _        |          |  |  |  |
|             | 59       | _            | ↓              | _            | ↓_             | ↓_   | <u> </u>   | <u> </u> | _        | _  |  |  |
|             | 60       | <u> </u>     | _              | _            | ┞              | ╙  | <u> </u>   | ļ        | <u> </u> | <u> </u>   |  |  |
| <u> </u>    | 61       | <u> </u>     | <u> </u>       | ├            | <del> </del>   | ╄  | _  | _        | <u> </u> | $oxed{oxed}$                                     |  |  |
| <u> </u>    | 62       | <del> </del> | ┞              | _            | ـــ            | ₽  | <del> </del>                                     | ــــ     | _        | $oxed{oldsymbol{oldsymbol{eta}}}$                |  |  |
| -           | 63       | <u> </u>     | ⊢              | _            | ⊢              | 1_   | _  | <u> </u> | _        | <u> </u>   |  |  |
|             | 64       | _            | <u> </u>       | -            | ┞              | ₽  | <u> </u>   | <u> </u> | <b>├</b> | <u> </u>   |  |  |
| $\vdash$    | 65       | ⊢            | <del> </del> — | ⊢            | ⊢              | ├  | ├-   | <u> </u> | ▙        | <u> </u>   |  |  |
| <u> </u>    | 66<br>67 | -            | H              | <u> </u>     | <u> </u>       | ▙  | ┝  | ├        | ┝        | ⊢  |  |  |
| <u> </u>    | 67       | ⊢            | ├-             | <del> </del> | <u> </u>       | ┞  | ├-   | -        | <u> </u> | -  |  |  |
| -           | 68       | ⊢            | ┝              | -            | ⊢              | ┢  | ┢  | ├-       | ├        | <u> </u>   |  |  |
| <u> </u>    | 69<br>70 | $\vdash$     | ├—             | ⊢            | ⊢              | ⊢  | <del> </del> —                                   | ├        | ┝        | _  |  |  |
| <u> </u>    | 71       | ⊢            | ├-             | ├            | ⊢              | ┢  | -  | ├        | -        |  |  |  |
| <del></del> | 71<br>72 | ┝            | ╁              | ├            | $\vdash$       | -  | $\vdash$   | ⊢        | $\vdash$ | ⊢  |  |  |
| -           | 73       | -            | ╁              | ╁            | ┢              | ┢  | ┢  | ╁        | ┢        | -  |  |  |
|             | 74       | -            | $\vdash$       | $\vdash$     | <del> </del> — | <del> </del>   | $\vdash$   | ┢        | ╁        | -  |  |  |
| <u> </u>    | 74<br>75 | ┢╌           | $\vdash$       |              | -              | ├-   | ⊢  | ╁        | ┢        | $\vdash$   |  |  |
| _           | 76       | $\vdash$     | H              | $\vdash$     | $\vdash$       | $\vdash$   |  | ╁        | ┢        | $\vdash$   |  |  |
|             | 76<br>77 | $\vdash$     | $\vdash$       | ┢            | $\vdash$       | Н  |  | $\vdash$ | $\vdash$ | ┢  |  |  |
|             | 78       |              |                | -            | _              | $\vdash$   | $\vdash$   | $\vdash$ | ╁        | -  |  |  |
|             | 79       | _            | H              |              |                | <del> </del>   |  |          | 一        | <del>                                     </del> |  |  |
|             | 80       | <u> </u>     |                |              | ┪              | _  |  |          | t        |  |  |  |
|             | 81       | $\vdash$     |                |              |                | Т  | <del>                                     </del> |          |          |  |  |  |
|             | 82       |              |                |              |                |  | T  |          |          | _  |  |  |
|             | 82<br>83 |              | Г              |              |                |  |  | Т        |          | _  |  |  |
|             | 84       |              |                | _            |                |  | Т  | Г        |          |  |  |  |
|             | 85       |              | Τ              |              |                |  | Т  | Г        |          |  |  |  |
|             | 86       |              |                | Ī            |                |  | Г  |          |          |  |  |  |
|             | 87       |              |                |              |                |  |  |          |          |  |  |  |
|             | 88       |              |                |              |                |  |  |          |          |  |  |  |
|             | 89       |              |                |              |                |  |  |          |          |  |  |  |
|             | 90       |              |                |              |                |  |  |          |          |  |  |  |
|             | 91       |              |                |              |                |  |  |          |          |  |  |  |
|             | 92       |              |                |              |                |  |  |          |          |  |  |  |
|             | 93       |              |                |              |                |  |  |          |          |  |  |  |
| <u> </u>    | 94       |              |                |              | 匚              | $ldsymbol{ld}}}}}}$ | L  | L.       |          |  |  |  |
|             | 95       |              |                | $oxed{\Box}$ |                | <u> </u>   |  | _        | <u> </u> | L  |  |  |
| <u> </u>    | 96       |              | <u> </u>       | L.,          | L              | <u>L</u>   | L_   | L_       | <u> </u> | L.,  |  |  |
| $\vdash$    | 97       |              | <u> </u>       | L_           |                | <u> </u>   | <u> </u>   | <u> </u> | <u> </u> | _  |  |  |
|             | 98       |              | <u> </u>       | <u> </u>     | _              | <u> </u>   |  | _        | L.       | L.,  |  |  |
| <u> </u>    | 99       | _            |                | L.           | Щ.             | _  | <u> </u>   | <u> </u> |          |  |  |  |

100

| Claim  |                                 | Date     |              |  |  |  |  |                |                |                 |
|--|---------------------------------|----------|--------------|--|--|--|--|----------------|----------------|-----------------|
|  | 1                               | Π        |              |  |  |  |  | Π              | Г              |                 |
| Final  | Original                        |          |              |  |  |  | ŀ  |                |                |                 |
| ΙŒ   | ٦                               |          |              |  |  |  |  |                |                |                 |
|  |                                 | L        | L            | L  | L  | L  | L  | L              | _              | L               |
| L  | 101<br>102                      | 辶        |              |  | ┖  | L  | <u></u>  | L              | _              |                 |
|  | 102                             | <u> </u> | 辶            | <u>L</u>   | <u> </u>   | <u></u>  | <u> </u>   | _              | _              |                 |
|  | 103<br>104                      | L        | 乚            |  | _  |  | L  | _              | _              | L               |
|  | 104                             | _        | <u> </u>     | ╙  | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>       | $oxed{oxed}$   |                 |
| <u> </u>   | 105<br>106                      | _        | <u> </u>     | ╄  | <b> </b>   | _  | ┡  | <u> </u>       | <del> </del> _ | _               |
|  | 106                             | -        | ┡            | ╄  | <u> </u>   | <u> </u>   | <u> </u>   | <del> </del> _ | ┡              |                 |
| <u> </u>   | 107                             | -        | ⊢            | ├-   | ļ. —   | ⊢  |  | ┞              | ├-             | <u> </u>        |
|  | 108<br>109                      | H        | $\vdash$     | ⊢  | ⊢  | ├  | _  | ⊢              | H              | -               |
| -  | 110                             | ┝        | ┢            | $\vdash$   | ├  |  | -  | ╀              | ├              | -               |
| $\vdash$   | 111                             |          | ┢            | ⊢  | ⊢  | ⊢  | -  | ╂─             | ├—             | ├               |
| $\vdash\vdash$                                   | 112                             | -        | $\vdash$     | ╁  | $\vdash$   | $\vdash$   |  | -              | ╁              | $\vdash$        |
| $\vdash$   | 112<br>113                      | $\vdash$ | $\vdash$     | $\vdash$   | 1  | ┼─   | ├  | $\vdash$       | ⊢              |                 |
| $\vdash$   | 114                             | -        | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | ╁              | $\vdash$        |
| $\vdash$   | 115                             | -        | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$       | H               |
|  | 116                             | $\vdash$ | H            | t  | H  | $\vdash$   | ┢  | $\vdash$       | $\vdash$       | $\vdash$        |
| $\Box$   | 117                             | ┢        | $\vdash$     | 1  | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$       | $\vdash$       | H               |
|  | 118                             |          | $\vdash$     | T  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$       |                | H               |
|  | 119                             | <u> </u> |              | t  |  | $\vdash$   | -  | _              |                | П               |
|  | 119<br>120<br>121               |          |              | <u> </u>   | <del>                                     </del> | ✝  |  | t              | H              | П               |
|  | 121                             |          | T            | Г  |  | Г  | _  |                |                | П               |
|  | 122                             |          |              |  | $\vdash$   | Τ  | $\vdash$   |                |                | П               |
|  | 123                             |          |              | Г  |  |  | Г  |                | Γ              |                 |
|  | 122<br>123<br>124<br>125<br>126 |          |              |  |  |  | Г  |                |                |                 |
|  | 125                             |          |              |  |  |  |  |                |                |                 |
|  | 126                             |          | <u> </u>     |  |  |  |  |                |                |                 |
|  | 127                             |          |              |  | L  |  |  |                |                |                 |
|  | 127<br>128<br>129               |          | _            | 乚  |  |  |  | ╙              |                | Ш               |
|  | 129                             |          |              |  |  |  |  | _              |                | Ш               |
| <u> </u>   | 130                             | _        |              |  | _  |  | _  | <u> </u>       |                | Ш               |
| igsquare   | 131                             | <u> </u> | <u> </u>     | _  | _  |  |  | ㄴ              |                | Ш               |
| $\vdash \vdash \vdash$                           | 130<br>131<br>132<br>133        | <u> </u> | <u> </u>     | <del> </del>                                     | <b> </b>   | <u> </u>   | <u> </u>   | ⊢              | <u> </u>       | Ш               |
| $\vdash \vdash \vdash$                           | 133                             |          | -            |  |  |  | <u> </u>   | $\vdash$       | <u> </u>       | Н               |
| $\vdash \vdash \vdash$                           | 134                             | <u> </u> | _            | <u> </u>   | $\vdash$   | $\vdash$   | <u> </u>   | ├              | $\vdash$       | Щ               |
| $\vdash\vdash\vdash$                             | 135<br>136                      | <u> </u> |              | $\vdash$   |  | _  | _  | $\vdash$       | $\vdash$       | $\vdash \vdash$ |
|  | 137                             |          |              | $\vdash$   | $\vdash$   | $\vdash$   | -  | -              | <u> </u>       | $\vdash \dashv$ |
| $\vdash \vdash \vdash$                           | 138                             |          |              |  | <del> </del>                                     |  |  |                |                | $\vdash\vdash$  |
| <del>                                     </del> | 138<br>139                      |          | <del> </del> | -  | -  | -  | _  | <del> </del>   |                | $\vdash$        |
| $\vdash$   | 140                             | -        | <del> </del> | -  | -  | $\vdash$   |  | <u> </u>       | $\vdash$       | H               |
| ├──┤   | 141                             | -        | $\vdash$     | $\vdash$   | $\vdash$   |  | —  | $\vdash$       | $\vdash$       | $\vdash$        |
| ├─┤  | 142                             | -        | H            | $\vdash$   | Н  | $\vdash$   |  | $\vdash$       | $\vdash$       | Н               |
| $\vdash$   | 143                             |          | _            | <del>                                     </del> | $\vdash$   |  | _  | $\vdash$       | $\vdash$       | Н               |
|  | 144                             |          |              | $\vdash$   |  | Н  | _  | $\vdash$       | <u> </u>       | $\vdash \vdash$ |
|  | 145                             |          | -            | ┢  | -  | $\vdash$   | _  | $\vdash$       | -              | $\vdash \vdash$ |
|  | 146                             |          | _            | <del>                                     </del> |  | Н  |  | <b>-</b>       |                | Н               |
|  | 147                             |          | Т            |  | П  |  |  |                |                | Н               |
| $\Box$   | 148                             |          |              |  | П  |  | _  |                |                |                 |
|  | 149                             |          |              |  |  |  |  |                |                |                 |
|  | 150                             |          |              |  |  |  |  |                |                |                 |
|  |                                 | _        |              |  |  |  |  |                |                |                 |